

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources DEPARTMENT
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

RECEIVED
APR 12 2019

DISTRICT II-ARTESIA O.C.D.

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|--|
| ¹ API Number 30-015-45878 | ² Pool Code 13367 | ³ Pool Name Cotton Draw Bone Springs |
| ⁴ Property Code 325386 | ⁵ Property Name SND 11 14 FED COM 003 | |
| ⁷ OGRID No. 4323 | ⁸ Operator Name CHEVRON U.S.A. INC. | ⁹ Elevation 3526' |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| G | 11 | 24 SOUTH | 31 EAST, N.M.P.M. | | 2539' | NORTH | 1770' | EAST | EDDY |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| O | 14 | 24 SOUTH | 31 EAST, N.M.P.M. | | 100' | SOUTH | 2178' | EAST | EDDY |

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 240 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

| ¹⁶ <table border="1"> <tr> <th>PROPOSED LAST TAKE POINT</th> <th>PROPOSED BOTTOM HOLE LOCATION</th> </tr> <tr> <td>X= 681,461 NAD 27 Y= 440,941 LAT. 32.210901 LONG. 103.746623</td> <td>X= 681,462 NAD 27 Y= 440,711 LAT. 32.210269 LONG. 103.746623</td> </tr> <tr> <td>X= 722,645 NAD83 Y= 440,999 LAT. 32.211025 LONG. 103.747105</td> <td>X= 722,647 NAD83 Y= 440,769 LAT. 32.210392 LONG. 103.747105</td> </tr> <tr> <th>PROPOSED MID-POINT</th> <th>SND 11 14 FED COM 003 4H WELL</th> </tr> <tr> <td>X= 681,434 NAD 27 Y= 445,892 LAT. 32.224513 LONG. 103.746623</td> <td>X= 681,826 NAD 27 Y= 448,638 LAT. 32.232055 LONG. 103.745305</td> </tr> <tr> <td>X= 722,618 NAD83 Y= 445,951 LAT. 32.224637 LONG. 103.747106</td> <td>X= 723,011 NAD83 Y= 448,697 LAT. 32.232178 LONG. 103.745788</td> </tr> <tr> <th>PROPOSED FIRST TAKE POINT</th> <th>ELEVATION +3526' NAVD 88</th> </tr> <tr> <td>X= 681,421 NAD 27 Y= 448,202 LAT. 32.230863 LONG. 103.746624</td> <td></td> </tr> <tr> <td>X= 722,605 NAD83 Y= 448,261 LAT. 32.230987 LONG. 103.747107</td> <td></td> </tr> </table> | PROPOSED LAST TAKE POINT | PROPOSED BOTTOM HOLE LOCATION | X= 681,461 NAD 27 Y= 440,941 LAT. 32.210901 LONG. 103.746623 | X= 681,462 NAD 27 Y= 440,711 LAT. 32.210269 LONG. 103.746623 | X= 722,645 NAD83 Y= 440,999 LAT. 32.211025 LONG. 103.747105 | X= 722,647 NAD83 Y= 440,769 LAT. 32.210392 LONG. 103.747105 | PROPOSED MID-POINT | SND 11 14 FED COM 003 4H WELL | X= 681,434 NAD 27 Y= 445,892 LAT. 32.224513 LONG. 103.746623 | X= 681,826 NAD 27 Y= 448,638 LAT. 32.232055 LONG. 103.745305 | X= 722,618 NAD83 Y= 445,951 LAT. 32.224637 LONG. 103.747106 | X= 723,011 NAD83 Y= 448,697 LAT. 32.232178 LONG. 103.745788 | PROPOSED FIRST TAKE POINT | ELEVATION +3526' NAVD 88 | X= 681,421 NAD 27 Y= 448,202 LAT. 32.230863 LONG. 103.746624 | | X= 722,605 NAD83 Y= 448,261 LAT. 32.230987 LONG. 103.747107 | | | ¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature: Date: 4/30/2018 Printed Name: Laura Becerra E-mail Address: LBecerra@Chevron.com |
|---|---|---|---|---|--|--|--------------------|-------------------------------|---|---|--|--|---------------------------|--------------------------|---|--|--|--|--|--|
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| X= 722,605 NAD83 Y= 448,261 LAT. 32.230987 LONG. 103.747107 | | | | | | | | | | | | | | | | | | | | |
| | | ¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey: 03/02/2018 Signature and Seal of Professional Surveyor: Certificate Number: 23006 | | | | | | | | | | | | | | | | | | |

RUP 4-17-19



APD ID: 10400030014

Submission Date: 05/08/2018

Highlighted data
reflects the most
recent changes

Operator Name: CHEVRON USA INCORPORATED

Well Name: SND 11 14 FED COM 003

Well Number: 4H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

| Formation ID | Formation Name | Elevation | True Vertical Depth | Measured Depth | Lithologies | Mineral Resources | Producing Formation |
|--------------|--------------------|-----------|---------------------|----------------|------------------|---------------------------------------|---------------------|
| 1 | RUSTLER | 3526 | 790 | 790 | DOLOMITE | NONE | No |
| 2 | CASTILE | 536 | 2990 | 2990 | ANHYDRITE | NONE | No |
| 3 | LAMAR | -1034 | 4560 | 4560 | LIMESTONE | NONE | No |
| 4 | BELL CANYON | -1066 | 4592 | 4592 | SANDSTONE | NONE | No |
| 5 | CHERRY CANYON | -1934 | 5460 | 5460 | SANDSTONE | NONE | No |
| 6 | BRUSHY CANYON | -3170 | 6696 | 6696 | SANDSTONE | NONE | No |
| 7 | UPPER AVALON SHALE | -4950 | 8476 | 8476 | LIMESTONE, SHALE | NONE | No |
| 8 | AVALON SAND | -5534 | 9060 | 17033 | SHALE | USEABLE WATER, NATURAL GAS, OIL | Yes |

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 9060

Equipment: Chevron will have a minimum of a 5,000 psi rig stack (see proposed schematic) for drill out below surface casing. The stack will be tested as specified in the attached testing requirements. Batch drilling of the surface, intermediate, and production will take place. A full BOP test will be performed unless approval from BLM is received otherwise.

Requesting Variance? YES

Variance request: Chevron requests a variance to use a FMC Technologies UH-S Multibowl wellhead, which will be run through the rig floor on surface casing. BOPE will be nipped up and tested after cementing surface casing. Subsequent tests will be performed as needed, not to exceed 30 days. The field report from FMC Technologies and BOP test information will be provided in a subsequent report at the end of the well. Please see the attached wellhead schematic. An installation manual has been placed on file with the BLM office and remains unchanged from previous submittal. Flex choke hose will be used for all wells on the pad (see attached specs). BOP test will be conducted by a third party.

Testing Procedure: Stack will be tested as specified in the attached testing requirements, upon NU and not to exceed 30 days. Test BOP from 250 psi to 5000 psi in Ram and 250 psi to 3500 psi in annular. BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. Batch drilling of the surface, intermediate, and production will take place. A full BOP test will be performed unless approval from the BLM is received otherwise. Flex choke hose will be used for all wells on the pad (see attached specs). BOP test will be conducted by a third party.